

FUTEK MODEL LAU200 (L1050)

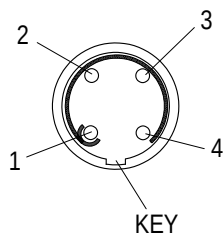
Drawing Number: FI1047

INCH [mm] R.O.= Rated Output

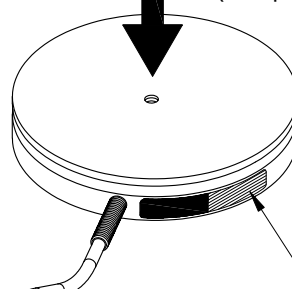
WIRING CODE (CC1)

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
1	4	2	3

ACCELERATOR AND PEDAL FORCE SENSOR

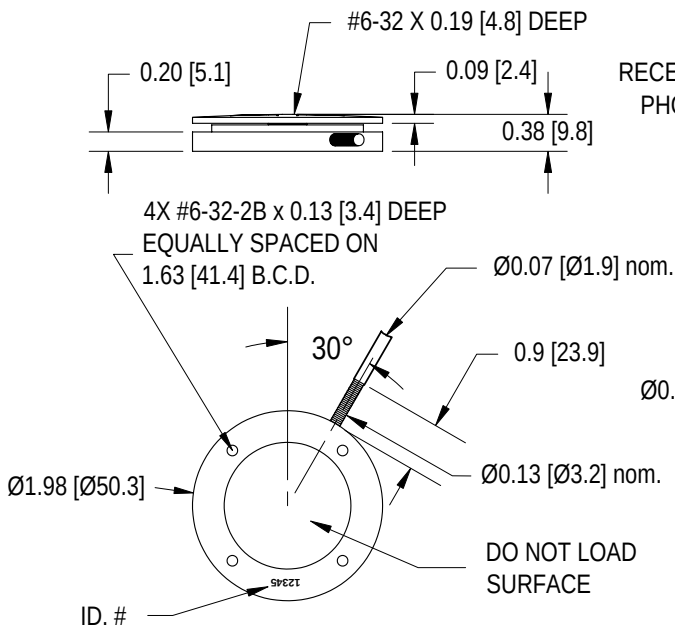
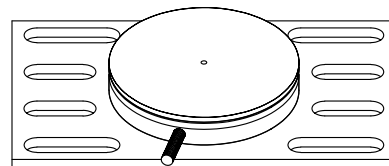


+ OUTPUT
(Compression)



FUTEK LABEL

SHOWN WITH MOUNTING PLATE

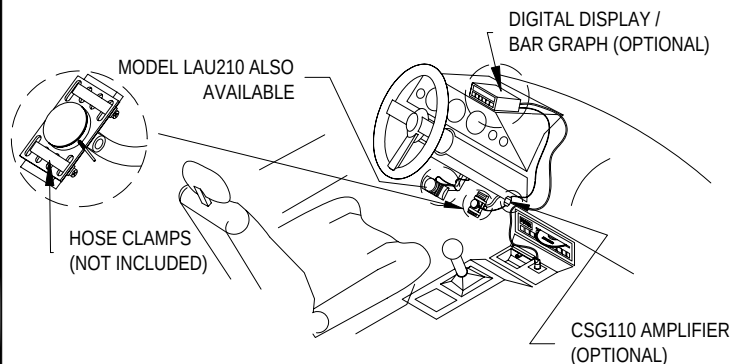


4 PIN LEMO
RECEPTACLE PLUG
PHG.OB.304.CLLD

1.4 [35.6]

Ø0.37 [Ø9.4]

TYPICAL APPLICATION



MODEL LAU200 INCLUDES
(ONE OF EACH)
TOTAL WEIGHT 2 lb [0.9 Kg]

STK#MCP00180 - MOUNTING PLATE
100 KOHM SHUNT CAL.
CARRYING CASE AND
STK#FSH00173 - (mating connector and 10 ft cable)

SPECIFICATIONS:

RATED OUTPUT 2 mV/V nom.
SAFE OVERLOAD 150% of R.O.
ZERO BALANCE ±1% of R.O.
EXCITATION (VDC OR VAC) 20 MAX
BRIDGE RESISTANCE 700 Ω nom.
OFF CENTER LOADING ±3-4% OR BETTER @ 0.625 FROM CENTER

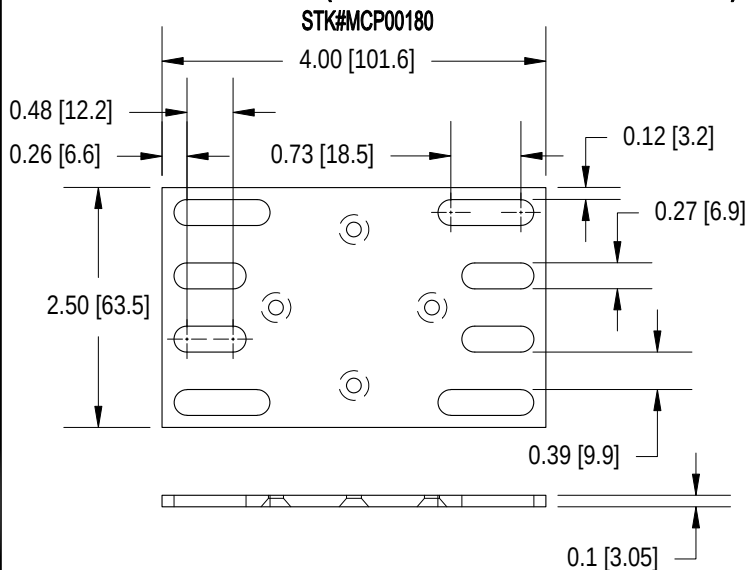
NONLINEARITY ±0.2% of R.O.
HYSTERESIS ±0.2% of R.O.
NONREPEATABILITY ±0.2% of R.O.
TEMP. SHIFT ZERO ±0.01% of R.O./°F [0.018% of R.O./°C]
TEMP. SHIFT SPAN ±0.01% of LOAD/°F [0.018% of LOAD/°C]
COMPENSATED TEMP. 60 to 160°F [15 to 72°C]
OPERATING TEMP. -60 to 200°F [-50 to 93°C]
WEIGHT 6 oz [170 g]
MATERIAL 17-4PH S.S.
DEFLECTION 0.005 to 0.009 [0.127 to 0.229] nom.

CABLE: #29 AWG, 4 Conductor, Spiral Shielded Teflon Cable
12 in (0.3 m) Long with 4 Pin LEMO Receptacle (EGG.OB.304.CLL)

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD) 5 pt. COMPRESSION; 100 K Ω SHUNT CAL VALUE
CALIBRATION TEST EXCITATION 10 VDC

CAPACITIES		
STK #	lb	N
FSH00218	10	44.5
FSH00219	25	111
FSH00220	50	222
FSH00221	100	445
FSH00222	300	1334

MOUNTING PLATE (Aluminum, Clear Anodized)



FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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CAGE CODE # 1X8M6

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